

# CHEM INTERNATIONAL

## **MATERIAL SAFETY DATA SHEET**

**EMERGENCY #: CANUTEC (613) 996-6666**

### PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

**PRODUCT NAME:** C.I. C.T.W.

**EFFECTIVE DATE:** January 5, 2009

**WHMIS CLASS:** Class A, Class B-Div 5, Class D-Div 2A

**T.D.G. CLASSIFICATION:** Consumer commodity

**MATERIAL USE:** Ceiling tile whitener.

### HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL	TWA/TLV
Ethyl Alcohol	64-17-5	20-30	NO	NO	NO	400 ppm	400 ppm
Hydrous Magnesium Silicate	14807-96-6	10-20	NO	NO	NO	20 mppcf	2 mg/m <sup>3</sup> (dust)
Acetone	67-64-1	10-20	NO	NO	NO	1000 ppm	1000 ppm
Titanium Dioxide	13463-67-7	1-10	NO	NO	NO	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Toluene	108-88-3	1-10	YES	YES	NO	100 ppm	50 ppm
Liquified Petroleum Gas	68476-85-7	30-40	NO	NO	NO	1000 ppm	1000 ppm

### PHYSICAL DATA

**DATA BELOW BASED ON AEROSOL CONCENTRATE ONLY:**

**BOILING POINT:** 77°C

**pH:** N/A

**Vapor Density (Air=1):** >1

**SOLUBILITY IN WATER:** Soluble

**SPECIFIC GRAVITY (H<sub>2</sub>O=1)@75°F:** 1.08

**APPEARANCE/ODOR:** White Liquid, Mint Odor

**DATA BELOW BASED ON TOTAL CONTENTS:**

**VAPOR PRESSURE OF CAN (PSIG @70°F):** 60

**TOTAL VOC %:** ~ 63.2%

### FIRE AND EXPLOSION DATA

**FLASH POINT (OF CONCENTRATE ONLY):** 1°C– TOC

**FLAMMABILITY (AS PER USA FLAME PROJECTION TEST):** Flammable Spray

**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub>, Dry Media

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Exposure to temperature above 50°C may cause bursting.

### REACTIVITY DATA

**STABILITY:** Material Stable.

**HAZARDOUS POLYMERIZATION:** Will not Occur.

**INCOMPATIBILITY:** Avoid contact with strong oxidizing agents,

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide, Carbon Monoxide.

### FIRST AID

**EYES:** Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists seek medical attention.

**SKIN:** Wash with soap and water. If irritation persists seek medical attention.

**INHALATION:** Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.

**INGESTION:** Do not induce vomiting. Seek medical attention immediately.

## TOXICOLOGICAL PROPERTIES

**ROUTE OF ENTRY:** Eyes contact ( x ), Skin contact ( x ), Skin absorption ( x ), Inhalation ( x ), Ingestion ( x )

**EFFECTS OF ACUTE EXPOSURE:**

**EYES:** May cause moderate irritation. Repeated exposure may cause conjunctivae inflammation.

**SKIN:** Frequent or prolonged contact may cause irritation. May aggravate existing skin conditions.

**INHALATION:** Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, shortness of breath, chronic cough, nausea, damage to the lungs and other central nervous system effects. May aggravate existing respiratory disorders.

**INGESTION:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

**EFFECTS OF CHRONIC EXPOSURE:**

**SKIN:** N/AV

**IRRITANCY:** N/AV

**SENSITIZATION:** N/AV

**CARCINOGENICITY:** N/AV

**REPRODUCTIVE TOXIN:** N/AV

**TERATOGENICITY:** N/AV

**MUTAGENICITY:** N/AV

**SYNERGISTIC MATERIALS:** N/AV

**EXPOSURE LIMITS:** N/AV

## PREVENTATIVE MEASURES

**RESPIRATORY PROTECTION:** None needed for proper use in accordance with label directions.

**VENTILATION:** Provide local exhaust to keep TLV of Section II ingredients below acceptable limits.

**PROTECTIVE GLOVES:** None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.

**EYE PROTECTION:** None needed unless it is anticipated that a splash or spray back will occur, and then wear safety glasses or chemical proof goggles.

**ENGINEERING CONTROLS:**

**STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:** Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks; heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, Provincial and local laws.

**WASTE DISPOSAL METHOD:** Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, Provincial and local authorities for approved procedures.

**HANDLING PROCEDURES:**

N/AP= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · N/AV=NOT AVAILABLE  
<=LESS THAN - >=MORE THAN

## HMIS HAZARD RATING INFORMATION

FIRE	REACTIVITY	HEALTH	PERSONAL PROTECTION
3	1	1	1

0 – Minimal, 1- Slight, 2 – Moderate, 3 – Serious, 4 – Extreme.

**DISCLAIMER:** Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been fully trained according to the mandatory requirements of WHIMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage that may result from the use or reliance on any information contained in this form.

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